

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed at 201) below or an original, first and joint inventor (if plural names are listed at 201-208 below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

✓ **METHODS FOR PERFUSION AND PLATING OF PRIMARY HEPATOCYTES AND A MEDIUM THEREFORE**

which is described and claimed in:

- ☐ the specification attached hereto.
- ☐ the specification in U.S. Application Serial Number _____ filed on _____; and
- ☒ the specification in PCT international application Number PCT/US03/23869, filed on 30 July 2003; and was amended on _____.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a). I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign/PCT Applications and Any Priority Claims Under 35 U.S.C. §119:			
Application No.	Filing Date	Country	Priority Claimed Under 35 U.S.C. §119?
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below, and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

Prior U.S. Applications or PCT International Applications Designating the U.S. Benefit				
Under 35 U.S.C. §120				
U.S. Applications		Status (Check One)		
Application Serial No.	U.S. Filing Date	Patented	Pending	Abandoned
PCT Applications Designating the U.S.				
Application No.	Filing Date	U.S. Serial No. Assigned		

CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)
(35 U.S.C. §119(e))

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

Applicant	Provisional Application Number	Filing Date
✓ John K. Leach et al.	60/399,493	30 July 2002

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) with full powers of association, substitution and revocation to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Ronald I. Eisenstein (Reg. No. 30,628) David S. Resnick (Reg. No. 34,235) Michael L. Goldman (Reg. No. 30,727)
 Nicole L.M. Valtz (Reg. No. 47,150) Leena Karttunen (37 CFR Sec. 10.9(b)) Lisa A. Dolak (Reg. No. 35,491)
 Joseph Noto (Reg. No. 32,163) Gunnar G. Leinberg (Reg. No. 35,584) Edwin V. Merkel (Reg. No. 40,087)


SEND CORRESPONDENCE TO: <u>Ronald I. Eisenstein</u> <u>NIXON PEABODY LLP</u> <u>100 Summer Street</u> <u>Boston, Massachusetts 02110</u>	DIRECT TELEPHONE CALLS TO: Ronald I. Eisenstein (617) 345-6054
---	---

Rec'd OCT/PTO 11 JUL 2005

1-00 201	FULL NAME OF INVENTOR	LAST NAME <u>Leach</u>	FIRST NAME <u>John</u>	MIDDLE NAME <u>K.</u>
	RESIDENCE & CITIZENSHIP	CITY <u>Roxbury Crossing</u>	STATE OR FOREIGN COUNTRY Massachusetts <u>MA</u>	COUNTRY OF CITIZENSHIP U.S.
	POST OFFICE ADDRESS	POST OFFICE ADDRESS 22 Worthington St #2	CITY Roxbury Crossing	STATE OR COUNTRY AND ZIP CODE Massachusetts 02120

202	FULL NAME OF INVENTOR	LAST NAME Tannenbaum	FIRST NAME Steven	MIDDLE NAME R.
	RESIDENCE & CITIZENSHIP	CITY Framingham	STATE OR FOREIGN COUNTRY Massachusetts	COUNTRY OF CITIZENSHIP U.S.
	POST OFFICE ADDRESS	POST OFFICE ADDRESS 15 Bent Hill Drive	CITY Framingham	STATE OR COUNTRY AND ZIP CODE Massachusetts 01701

I hereby further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Signature of Inventor 201 – LEACH, John K.	Date:
	6/21/05
Signature of Inventor 202 – TANNENBAUM, Steven R.	Date:

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed at 201) below or an original, first and joint inventor (if plural names are listed at 201-208 below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHODS FOR PERFUSION AND PLATING OF PRIMARY HEPATOCYTES AND A MEDIUM THEREFORE

which is described and claimed in:

- ☐ the specification attached hereto.
- ☐ the specification in U.S. Application Serial Number _____ filed on _____; and
- ☒ the specification in PCT international application Number PCT/US03/23869, filed on 30 July 2003; and was amended on _____.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a). I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign/PCT Applications and Any Priority Claims Under 35 U.S.C. §119:			
Application No.	Filing Date	Country	Priority Claimed Under 35 U.S.C. §119?
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below, and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

Prior U.S. Applications or PCT International Applications Designating the U.S. Benefit				
Under 35 U.S.C. §120				
U.S. Applications		Status (Check One)		
Application Serial No.	U.S. Filing Date	Patented	Pending	Abandoned
PCT Applications Designating the U.S.				
Application No.	Filing Date	U.S. Serial No. Assigned		

CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)
(35 U.S.C. §119(e))

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

Applicant	Provisional Application Number	Filing Date
John K. Leach et al.	60/399,493	30 July 2002

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) with full powers of association, substitution and revocation to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Ronald I. Eisenstein (Reg. No. 30,628)	David S. Resnick (Reg. No. 34,235)	Michael L. Goldman (Reg. No. 30,727)
Nicole L.M. Valtz (Reg. No. 47,150)	Leena Karttunen (37 CFR Sec. 10.9(b))	Lisa A. Dolak (Reg. No. 35,491)
Joseph Noto (Reg. No. 32,163)	Gunnar G. Leinberg (Reg. No. 35,584)	Edwin V. Merkel (Reg. No. 40,087)

SEND CORRESPONDENCE TO: Ronald I. Eisenstein NIXON PEABODY LLP 100 Summer Street Boston, Massachusetts 02110	DIRECT TELEPHONE CALLS TO: Ronald I. Eisenstein (617) 345-6054
---	---

2 0 1	FULL NAME OF INVENTOR	LAST NAME Leach	FIRST NAME John	MIDDLE NAME K.
	RESIDENCE & CITIZENSHIP	CITY Boston	STATE OR FOREIGN COUNTRY Massachusetts	COUNTRY OF CITIZENSHIP U.S.
	POST OFFICE ADDRESS	POST OFFICE ADDRESS 328 Commercial Street #22	CITY Boston	STATE OR COUNTRY AND ZIP CODE Massachusetts 02109

2-00

2 0 2	FULL NAME OF INVENTOR	LAST NAME <u>Tannenbaum</u>	FIRST NAME <u>Steven</u>	MIDDLE NAME <u>R.</u>
	RESIDENCE & CITIZENSHIP	CITY <u>Framingham</u>	STATE OR FOREIGN COUNTRY Massachusetts <i>MA</i>	COUNTRY OF CITIZENSHIP U.S.
	POST OFFICE ADDRESS	POST OFFICE ADDRESS 15 Bent Hill Drive	CITY Framingham	STATE OR COUNTRY AND ZIP CODE Massachusetts 01701

I hereby further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Signature of Inventor 201 – LEACH, John K.	Date:
Signature of Inventor 202 – TANNENBAUM, Steven R.	Date:
<i>Steven R. Tannenbaum</i>	<i>June 20, 2005</i>